

Bug-Proof Lesson Plan

YOUR NAME:	Jessica Roberts
Pick a lesson from your unit in Dr. Grace's class. Write a short summary of that lesson plan. Be sure to describe what technology you plan for your students (and you) to use:	Lesson one of my unit is about adding/subtracting rational numbers on a number line. Laptops, speakers, and a project are the only technology used in this lesson. I play two videos from YouTube during the lesson and then laptops are used for their final product.
<i>GNAT</i>	
Look at the class list of possible problems and pick one (or make up your own) that is something that is a temporary problem/issue that could happen to your equipment (the teacher's computer) that would affect your plan. The technology might get fixed before your lesson is over, but might not. What "bug" did you pick:	The Number Types Math Song YouTube video that I play at the beginning of class won't load.
What could you do that would allow the learning to continue without the technology or in a modified way?	I could move on to filling out their real number graphic organizers until the song loads, and if the song doesn't load it is still okay because all the information in the song is in their graphic organizers.
What do you need to do ahead of time so that plan could be carried out? (Do you need handouts? Other materials? ...)	I could load the video on my computer ahead of time so that I don't run into this problem. I could also print out handouts of the lyrics so that the students still get a part of the song to refer to and maybe on their own they can listen to it.
<i>BLACK FLY</i>	
Look at the class list of possible problems and pick one (or make up your own) that is something that is an all-day problem/issue that could happen to you or your students' equipment that would affect your plan. What "bug" did you pick:	The internet is down for the day. (Lets assume day 4, presentation day)
What could you do that would allow the learning to continue without the technology or in a modified way?	I could have students draw a representation of their Glogsters on the whiteboard and briefly explain what they did.
What do you need to do ahead of time so that plan could be carried out? (Do you need handouts? Other materials? ...)	I could have students either download their Glogsters if that's possible or they could take screen shots so that even if the internet is down we could see what it looked like and

	they could explain it from there. They wouldn't be able to play their videos from their Glogsters but they could explain what happens in the video and the connection to using number lines to add/subtract rational numbers.
<i>DEADLY ASIAN HORNET</i>	
Look at the class list of possible problems and pick one (or make up your own) that is something that is a multi-day problem/issue that could happen to you and your students' equipment that would affect your plan. What "bug" did you pick:	If a student is without a laptop because maybe they misused it and got it taken away or they broke it.
What could you do that would allow the learning to continue without the technology or in a modified way?	I could have them create their products the old fashion way by creating a poster instead of a Glogster. I'd have to modify the task because they are supposed to include a video. Maybe I could have them write a description of how to put numbers on a number line instead of having a video. The rest of the poster (images, examples, text) they could do out by hand.
What do you need to do ahead of time so that plan could be carried out? (Do you need handouts? Other materials? ...)	Make sure that I have materials for making a poster such as poster board, markers, glue, etc... I would also need to make sure I have a modified checklist for them.